



PATENTS

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In re Application of:

D'AMATO *et al.*

Application No.: 10/789,471

Filed: February 27, 2004

For: **ESTROGENIC COMPOUNDS AS
ANTI-MITOTIC AGENTS**

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) Art Unit: 1609
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) Examiner: **Kristie Latrice Brooks**
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) Attorney Docket No: **05213-3001 (13663-105082)**
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants cite the information on the attached Form PTO/SB/08A, "Information Disclosure Statement by Applicant," pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98. A copy of each cited item is enclosed with the exception that copies of U. S. patents are not being provided pursuant to the waiver of 37 C.F.R. §1.98 for patent applications filed after June 30, 2003. Applicants have enclosed copies of the non-patent literature. Applicants have enclosed copies of all other references.

Related applications are listed on the attached Appendix A for your reference. Applicants respectfully request the Examiner review the application listed in the Appendix A, initial the Appendix A in the appropriate spaces, and return a copy of the initialed Appendix to applicants.

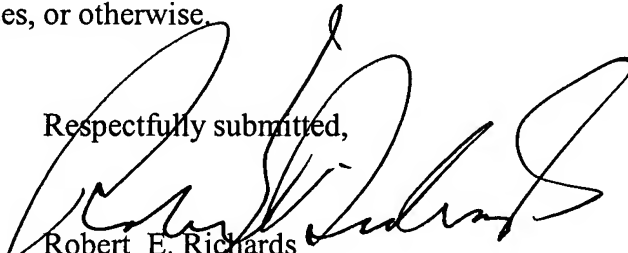
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on May 10, 2007.


S. Lynn Freeman-Rees - Patent Specialist

This Information Disclosure Statement is being filed before the mailing date of a Final Office Action or a Notice of Allowance. Form PTO-2038 is enclosed to cover the fee of \$180 as required by 37 C.F.R. § 1.17(p). The Commissioner is authorized to charge any additional fees, or to credit any overpayment, to Deposit Account No. 11-0980.

The citation of this information does not constitute an admission of priority or that any cited item is available as a reference, or a waiver of any right the applicant may have under applicable statutes, Rules of Practice in patent cases, or otherwise.

Respectfully submitted,



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PATENTS

THE UNITED STATES PATENT AND TRADEMARK OFFICE

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SUPPLEMENTAL APPENDIX A

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants respectfully request that the Examiner review the below-listed patent applications. Please review and initial each listed application and return a copy of the initialed Supplemental Appendix A to the Applicants.

The serial numbers or publication numbers of the below-listed U.S. patent applications/patent publications are listed on this form as provided in MPEP §609(D), rather than a PTO-1449 form, to avoid the serial numbers of the pending U.S. patent applications being published on any patent that may issue from this application. **Applicants do not waive the confidential nature of any of the below-listed patent applications.**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 10th day of May, 2007.


S. Lynn Freeman-Rees - Patent Specialist

- _____ 1. U.S. Patent Publication No. 2005/0192258 published September 1, 2005 (05213-0853)
- _____ 2. U.S. Patent Publication No. 2005/0203075 published September 15, 2005 (05213-3061)
- _____ 3. U.S. Patent Publication No. 2005/0014737 published January 20, 2005 (05213-0891)
- _____ 4. U.S. Patent Publication No. 2006/0116360 published June 1, 2006 (05213-3083)
- _____ 5. U.S. Patent Publication No. 2006/0135796 published June 22, 2006 (05213-0732)
- _____ 6. U.S. Patent Publication No. 2006/0183727 published August 17, 2006 (05213-0496)
- _____ 7. U.S. Patent Publication No. 2007/0004689 published January 4, 2007 (05213-3062)
- _____ 8. U.S. Patent Publication No. 2007/0010505 published January 11, 2007 (05213-0892)
- _____ 9. U.S. Patent Application No: 11/701,809 filed February 2, 2007 (05213-0893) (Copy enclosed)
- _____ 10. U.S. Patent Application No. 11/599,997 filed November 14, 2006 (05213-3112) (Copy enclosed)

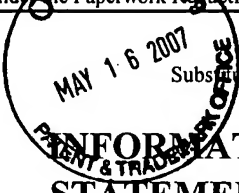
Respectfully submitted,

By: 

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Our Docket: 05213-3001 (13663-105082)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

 <p>Substitute for Form 1449/A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>				Complete if Known		
				Application No.	10/789,471	
				Filing Date	02/27/2004	
				First Named Inventor	D'Amato et al.	
				Group Art Unit	1609	
Examiner Name	Brooks, Kristie L.					
Attorney Docket Number	05213-3001 (13663-105082)					
Sheet	1	of	42			
U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number ⁴	Kind Code ⁵ (if known)			
	1	5,521,168		Clark	05/28/1996	
	2	5,629,340		Kuwano et al.	05/13/1997	
	3	5,639,725		O'Reilly et al.	06/17/1997	
	4	5,646,136	A	Petrow	07/08/1997	
	5	5,716,981		Hunter et al.	02/10/1998	
	6	5,733,876		O'Reilly et al.	03/31/1998	
	7	5,763,432		Tanabe et al.	06/09/1998	
	8	5,776,704		O'Reilly et al.	07/07/1998	
	9	5,792,845		O'Reilly et al.	08/11/1998	
	10	5,837,682		O'Reilly	11/17/1998	
	11	5,854,205		O'Reilly et al.	12/29/1998	
	12	5,854,221		Cao et al.	12/29/1998	
	13	5,861,372		Folkman et al.	01/19/1999	
	14	5,885,795		O'Reilly et al.	03/23/1999	
	15	5,919,459	A	Nacy et al.	07/06/1999	
	16	5,958,892		Mukhopadhyay et al.	09/28/1999	
	17	6,046,186		Tanabe et al.	04/04/2000	
	18	6,054,598		Sachdeva et al.	04/25/2000	
	19	6,136,992		Ram et al.	10/24/2000	
	20	6,200,966		Stewart	03/13/2001	
	21	6,239,123		Green et al.	05/29/2001	
	22	6,284,789	B1	LaLonde et al.	09/04/2001	
	23	6,346,510	B1	O'Reilly et al.	02/12/2002	
	24	6,358,940	B1	Conney	03/19/2002	
	25	6,399,773	B1	Liu et al.	06/04/2002	
Examiner Signature					Date Considered	

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶Applicant is to place a check mark here if English language translation is attached.

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				First Named Inventor	D'Amato et al.	
				Group Art Unit	1609	
				Examiner Name	Brooks, Kristie L.	
Sheet	2	of	42	Attorney Docket Number	05213-3001 (13663-105082)	
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	26	6,410,029	B1	Mukhopadhyay et al.	06/25/2002	
	27	6,448,419	B1	Paaren et al.	09/10/2002	
	28	6,514,971	B1	Thomas et al.	02/04/2003	
	29	6,593,321	B2	Rao et al.	07/15/2003	
	30	6,605,622	B2	Green et al.	08/12/2003	
	31	6,998,395	A1	Jackson et al.	02/14/2006	
	32	2002/0068724	A1	Slaga et al.	06/06/2002	

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Examiner Name	Brooks, Kristie L.					
Attorney Docket Number	05213-3001 (13663-105082)					
Sheet	3	of	42			

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Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	33	GB	2252498	A	Farmitalia Carlo Erba S.r.l.	08/12/1992		
	34	JP	04-046120		Kyowa Hakko Kogyo Co Ltd	02/17/1992		
	35	JP	62-135472		Yakult Honsha Co Ltd	06/18/1987		
	36	WO	00/07576	A2	ENDORECHERCHE, INC	02/17/2000		
	37	WO	00/10552	A2	Global Vascular Concepts, Inc.	03/02/2000		
	38	WO	00/66095	A2	Sterix Limited	11/09/2000		
	39	WO	00/68246	A1	Research Institute for Medicine and Chemistry Inc.	11/16/2000		
	40	WO	01/27132	A1	The University of Melbourne	04/19/2001		
	41	WO	01/85755	A1	Research Institute for Medicine and Chemistry Inc. and Marsden, John	11/15/2001		
	42	WO	02/15910	A1	Sterix Limited	02/28/2002		
	43	WO	88/03151	A2	Board of Regents, The University of Texas System	05/05/1988		
	44	WO	93/10805	A1	Cor Therapeutics, Inc.	06/10/1993		
	45	WO	98/32763	A1	SRI International	07/30/1998		

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				Group Art Unit	1609	
				Examiner Name	Brooks, Kristie L.	
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		Office ³	Number ⁴					
	46	WO	98/40398		Pharm-Eco Laboratories, Inc.	09/17/1998		
	47	WO	99/01142	A1	Hyal Pharmaceutical Corporation	01/14/1999		
	48	WO	99/22728	A1	Arch Development Corporation	05/14/1999		
	49	WO	99/33858	A3	SRI International	07/08/1999		
	50	WO	99/33859	A2	SRI International	07/08/1999		
	51	WO	99/35150	A3	Arizona Board of Regents	07/15/1999		
	52	WO	2004/101595	A1	Cryptopharma Pty Ltd.	11/25/2004		

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	53	Author: Title: News Article: Hoffman-La Roche Signs \$70 Million Deal with Millenium on Genomics Technology Publ: <u>Genetic Engineering News</u> Vol/Iss: Pages: Date: 4/15/1994			
	54	Author: Title: News Article: Advanced Drug Delivery Systems Peak Interest of Pharmaceutical & Biotech Firms Publ: <u>Genetic Engineering News</u> Vol/Iss: Pages: Date: 4/15/1994			
	55	Author: Title: News Article: Nasal Spray for Treating Bleeding Disorders Publ: <u>Genetic Engineering News</u> Vol/Iss: Pages: Date: 4/15/1994			
	56	Author: Title: 2-Methoxyestradiol - An Orally Active Endogenous Inhibitor of Angiogenesis Publ: <u>EntreMed Website Article</u> Vol/Iss: Pages: 1-10 Date: 7/11/2000			
	57	Author: Title: Peripheral Ulcerative Keratitis (Marginal Keratolysis; Peripheral Rheumatoid Ulceration) (Abstract only-Applicants do not have complete copy) Publ: <u>Merck Manual of Diagnosis and Therapy</u> Vol/Iss: Sec. 8 Pages: Chapter 8 & 96 Date: 01/01/1995			
	58	Author: AGUAYO et al. Title: Angiogenesis in Acute and Chronic Leukemias and Myelodysplastic Syndrome Publ: <u>Blood</u> Vol/Iss: 96 (6) Pages: 2240-2245 Date: 09/15/2000			
	59	Author: AKOVA et al. Title: Optic Disk Neovascularization in a Patient with Cytomegalovirus Retinitis Associated with Renal Transplantation (Abstract only-Applicants do not have complete copy) Publ: <u>Ocular Immunology and Inflammation</u> Vol/Iss: 8 (1) Pages: 63-65 Date: 03/01/2000			

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	60	Author: AMANT et al. Title: 2-Methoxyestradiol strongly inhibits human uterine sarcomatous cell growth Publ: <u>Gynecologic Oncology</u> Vol/Iss: 91 Pages: 299-308 Date: 01/2003			
	61	Author: AMORINO et al. Title: Enhancement of Radiation Effects <i>In Vitro</i> by the Estrogen Metabolite 2-Methoxyestradiol Publ: <u>Radiation Research</u> Vol/Iss: 153 Pages: 384-391 Date: 01/01/2000			
	62	Author: ANDERSON et al. Title: Multiple Myeloma: New Insights and Therapeutic Approaches (Abstract only-Applicants do not have complete copy) Publ: <u>Hematology</u> Vol/Iss: Pages: 147-165 Date: 01/01/2000			
	63	Author: ANSTEAD et al. Title: The Estradiol Pharmacophore: Ligand Structure-Estrogen Receptor Binding Affinity Relationships and a Model for the Receptor Binding Site Publ: <u>Steroids</u> Vol/Iss: 62 Pages: 268-303 Date: 1997			
	64	Author: ARMSTRONG et al. Title: Detection of Vascular Endothelial Growth Factor and Tumor Necrosis Factor Alpha in Epiretinal Membranes of Proliferative Diabetic Retinopathy, Proliferative Vitreoretinopathy and Macular Pucker (Abstract only-Applicants do not have complete copy) Publ: <u>Ophthalmologica</u> Vol/Iss: 212 (6) Pages: 410-414 Date: 11/1998			
	65	Author: ATTALLA et al. Title: 2-Methoxyestradiol Arrests Cells in Mitosis without Depolymerizing Tubulin Publ: <u>Biochemical and Biophysical Research Communications</u> Vol/Iss: 228 Pages: 467-473 Date: 1996			
	66	Author: ATTALLA et al. Title: 2-Methoxyestradiol-Induced Phosphorylation of Bcl-2: Uncoupling from JNK/SAPK Activation (Abstract only-Applicants do not have complete copy) Publ: <u>Biochemical and Biophysical Research Communications</u> Vol/Iss: 247 (3) Pages: 616-619 Date: 6/29/1998			

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
	67	Author: AVVAKUMOV et al. Title: Crystal Structure of Human Sex Hormone-binding Globulin in Complex with 2-Methoxyestradiol Reveals the Molecular Basis for High Affinity Interactions with C-2 Derivatives of Estradiol Publ: <u>The Journal of Biological Chemistry</u> Vol/Iss: 277 (47) Pages: 45219-45225 Date: 11/22/2002	
	68	Author: AYALA et al. Title: The Induction of Accelerated Thymic Programmed Cell Death During Polymicrobial Sepsis: Control by Corticosteroids but not Tumor Necrosis Factor (Abstract only-Applicants do not have complete copy) Publ: <u>Shock</u> Vol/Iss: 3 (4) Pages: 259-267 Date: 04/1995	
	69	Author: AZUMA, H. Title: Genetic and Molecular Pathogenesis of Hereditary Hemorrhagic Telangiectasia Publ: <u>Journal of Medical Investigation</u> Vol/Iss: 47 (3-4) Pages: 81-90 Date: 08/01/2000	
	70	Author: BACHARACH et al. Title: In vivo Patterns of Expression of Urokinase and Its Inhibitor PAI-1 Suggest a Concerted Role in Regulating Physiological Angiogenesis Publ: <u>Proceedings of the National Academy of Science USA</u> Vol/Iss: 89 (22) Pages: 10686-10690 Date: 11/15/1992	
	71	Author: BAER et al. Title: Corneal Laser Photocoagulation for Treatment of Neovascularization. Efficacy of 577 nm Yellow Dye Laser (Abstract only-Applicants do not have complete copy) Publ: <u>Ophthalmology</u> Vol/Iss: 99 (2) Pages: 173-179 Date: 02/01/1992	
	72	Author: BANERJEE et al. Title: 2-Methoxyestradiol Blocks Estrogen-Induced Rat Pituitary Tumor Growth and Tumor Angiogenesis: Possible Role of Vascular Endothelial Growth Factor Publ: <u>Anticancer Research</u> Vol/Iss: 20 Pages: 2641-2646 Date: 01/01/2000	
	73	Author: BARCZYK et al. Title: Mast Cells in the Gastrointestinal Tract (Abstract only-Applicants do not have complete copy) Publ: <u>Roczniki Akademii Medycznej W Białymstoku (Białystok)</u> Vol/Iss: 40 (1) Pages: 36-57 Date: 01/01/1995	

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	74	Author: BHOOMA et al. Title: Eales' Disease: Accumulation of Reactive Oxygen Intermediates and Lipid Peroxides and Decrease of Antioxidants Causing Inflammation, Neovascularization and Retinal Damage (Abstract only-Applicants do not have complete copy) Publ: <u>Current Eye Research</u> Vol/Iss: 16 (2) Pages: 91-95 Date: 02/01/1997				
	75	Author: BISSELL et al. Title: Putting Tumours in Context Publ: <u>Nature Reviews Cancer</u> Vol/Iss: 1 (1) Pages: 46-54 Date: 10/01/2001				
	76	Author: BLAGOSKLONNY et al. Title: Raf-1/bcl-2 Phosphorylation: A Step from Microtubule Damage to Cell Death Publ: <u>Cancer Research</u> Vol/Iss: 57 Pages: 130-135 Date: 01/01/97				
	77	Author: BOEHME et al. Title: Juxtapapillary Choroidal Neovascular Membrane in a Patient with Paget's Disease and Lattice Corneal Dystrophy (Abstract only-Applicants do not have complete copy) Publ: <u>Journal of the American Optometric Association</u> Vol/Iss: 60 (8) Pages: 612-616 Date: 08/01/1989				
	78	Author: BRODIE, A.M. Title: Aromatase Inhibitors in the Treatment of Breast Cancer (Abstract only-Applicants do not have complete copy) Publ: <u>Journal of Steroid Biochemistry and Molecular Biology</u> Vol/Iss: 49 (4-6) Pages: 281-287 Date: 06/1994				
	79	Author: BRUEGGEMEIER et al. Title: 2-Methoxymethylestradiol: A New 2-Methoxy Estrogen Analog that Exhibits Antiproliferative Activity and Alters Tubulin Dynamics Publ: <u>Journal of Steroid Biochemistry & Molecular Biology</u> Vol/Iss: 78 Pages: 145-156 Date: 2001				
	80	Author: BRUNO et al. Title: New drugs for treatment of multiple myeloma Publ: <u>The Lancet</u> Vol/Iss: 5 Pages: 430-442 Date: 07/01/2004				

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				Application No.	10/789,471
				Filing Date	02/27/2004
				First Named Inventor	D'Amato et al.
				Group Art Unit	1609
				Examiner Name	Brooks, Kristie L.
Sheet	9	of	42	Attorney Docket Number	05213-3001 (13663-105082)
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	81	Author: BU et al. Title: Mechanisms for 2-methoxyestradiol-induced apoptosis of prostate cancer cells Publ: <u>FEBS Letters</u> Vol/Iss: 531 Pages: 141-151 Date: 01/2002			
	82	Author: BURROWS, N.P. Title: Thalidomide Modifies Disease Publ: <u>British Medical Journal</u> Vol/Iss: 307 (6909) Pages: 939-940 Date: 10/09/93			
	83	Author: CAMPOCHIARO et al. Title: Retinal and Choroidal Neovascularization Publ: <u>Journal of Cellular Physiology</u> Vol/Iss: 184 Pages: 301-310 Date: 01/01/2000			
	84	Author: CARMELIET et al. Title: Angiogenesis in Health and Disease Publ: <u>Nature Medicine</u> Vol/Iss: 9 (6) Pages: 653-660 Date: 06/01/2003			
	85	Author: CAROTHERS et al. Title: 2-Methoxyestradiol induces p53-associated apoptosis of colorectal cancer cells Publ: <u>Cancer Letters</u> Vol/Iss: 187 Pages: 77-86 Date: 01/2002			
	86	Author: CHANG et al. Title: Corneal Neovascularization Publ: <u>Current Opinions in Ophthalmology</u> Vol/Iss: 12 Pages: 242-249 Date: 01/01/2001			
	87	Author: CHAUHAN et al. Title: 2-Methoxyestradiol and bortezomib/proteasome-inhibitor overcome dexamethasone-resistance in multiple myeloma cells by modulating Heat Shock Protein-27 Publ: <u>Apoptosis</u> Vol/Iss: 9 Pages: 149-155 Date: 1/1/2004			

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	88	Author: CHAUHAN et al. Title: Mechanisms of cell death and survival in multiple myeloma (MM):Therapeutic implications Publ: <u>Apoptosis</u> Vol/Iss: 8 (4) Pages: 337-343 Date: 01/2003				
	89	Author: CHAUHAN et al. Title: Superoxide-dependent and -independent mitochondrial signaling during apoptosis in multiple myeloma cells Publ: <u>Oncogene</u> Vol/Iss: 22 Pages: 6296-6300 Date: 01/2003				
	90	Author: CHAUHAN et al. Title: 2-Methoxyestradiol overcomes drug resistance in multiple myeloma cells Publ: <u>Blood</u> Vol/Iss: 100 (6) Pages: 2187-2194 Date: 09/15/2002				
	91	Author: CLEVELAND et al. Title: A Radical Approach to Treatment Publ: <u>Nature</u> Vol/Iss: 407 Pages: 309-311 Date: 09/21/2000				
	92	Author: CUMMINGS et al. Title: Apoptosis Publ: <u>The American Journal of Surgical Pathology</u> Vol/Iss: 21 (1) Pages: 88-101 Date: 1997				
	93	Author: CURSIEFEN et al. Title: Angiogenesis in Corneal Disease: Histopathologic Evaluation of 254 Human Corneal Buttons with Neovascularization Publ: <u>Cornea</u> Vol/Iss: 17 (6) Pages: 611-613 Date: 11/01/1998				
	94	Author: CUSHMAN et al. Title: Synthesis, Antitubulin and Antimitotic Activity, and Cytotoxicity of Analogs of 2-Methoxyestradiol, an Endogenous Mammalian Metabolite of Estradiol that Inhibits Tubulin Polymerization by Binding to the Colchicine Binding Site Publ: <u>Journal of Medicinal Chemistry</u> Vol/Iss: 38 (12) Pages: 2041-2049 Date: 06/09/95				

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	95	Author: CUSHMAN et al. Title: Synthesis of Analogs of 2-Methoxyestradiol with Enhanced Inhibitory Effects on Tubulin Polymerization and Cancer Cell Growth Publ: <u>Journal of Medicinal Chemistry</u> Vol/Iss: 40 (15) Pages: 2323-2334 Date: 1997			
	96	Author: D'AMATO et al. Title: 2-Methoxyestradiol, an Endogenous Mammalian Metabolite, Inhibits Tubulin Polymerization by Interacting at the Colchicine Site Publ: <u>Proceedings of the National Academy of Science USA</u> Vol/Iss: 91 Pages: 3964-3968 Date: 04/26/1994			
	97	Author: D'AMATO, R.J. et al. Title: Thalidomide is an Inhibitor of Angiogenesis Publ: <u>Proceedings of the National Academy of Science USA</u> Vol/Iss: 91 Pages: 4082-4085 Date: 04/01/94			
	98	Author: D'AMORE et al. Title: Mechanisms of Angiogenesis Publ: <u>Annual Review of Physiology</u> Vol/Iss: 49 Pages: 453-464 Date: 01/01/1987			
	99	Author: DANIS et al. Title: Anti-Angiogenic Therapy of Proliferative Diabetic Retinopathy Publ: <u>Expert Opinion in Pharmacotherapy</u> Vol/Iss: 2 (3) Pages: 395-407 Date: 03/01/2001			
	100	Author: DAVOODPOUR et al. Title: Effects of 2-methoxyestradiol on proliferation, apoptosis and PET-tracer uptake in human prostate cancer cell aggregates Publ: <u>Nuclear Medicine and Biology</u> Vol/Iss: 31 Pages: 867-874 Date: 1/1/2004			
	101	Author: DAWLING et al. Title: In Vitro Model of Mammary Estrogen Metabolism: Structural and Kinetic Differences between Catechol Estrogens 2- and 4-Hydroxyestradiol Publ: <u>Chem. Res. Toxicol.</u> Vol/Iss: 17 Pages: 1258-1264 Date: 1/1/2004			

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	102	Author: DAWLING et al. Title: Methoxyestrogens Exert Feedback Inhibition on Cytochrome P450 and 1A1 and 1B1 Publ: Cancer Research Vol/Iss: 63 Pages: 3127-3132 Date: 06/15/2003				
	103	Author: DAY et al. Title: The effects of 2-substituted oestrogen sulphamates on the growth of prostate and ovarian cancer cells Publ: Journal of Steroid Biochemistry & Molecular Biology Vol/Iss: 84 Pages: 317-325 Date: 01/2003				
	104	Author: De BONO et al. Title: The Future of Cytotoxic Therapy: Selective Cytotoxicity Based on Biology is the Key Publ: Breast Cancer Research Vol/Iss: 5 (3) Pages: 154-159 Date: 03/27/2003				
	105	Author: DE LAEY et al. Title: Hyperlipofuscinosis and Subretinal Fibrosis in Stargardt's Disease Publ: Retina Vol/Iss: 15 (5) Pages: 399-406 Date: 01/01/1995				
	106	Author: DING et al. Title: Sex Hormone-Binding Globulin Mediates Prostate Androgen Receptor Action via a Novel Signaling Pathway (Abstract only-Applicants do not have complete copy) Publ: Endocrinology Vol/Iss: 139 (1) Pages: 213-218 Date: 1998				
	107	Author: DINGLI et al. Title: Promising Preclinical Activity of 2-Methoxyestradiol in Multiple Myeloma Publ: Clinical Cancer Research Vol/Iss: 8 Pages: 3948-3954 Date: 12/01/2002				
	108	Author: DJAVAHARI-MERGNY et al. Title: TNF α Potentiates 2-Methoxyestradiol-Induced Mitochondrial Death Pathway Publ: Annals New York Academy of Sciences Vol/Iss: 1010 Pages: 159-162 Date: 01/2003				

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	109	Author: DOBOS et al. Title: In Vitro and In Vivo Antitumor Effect of 2-Methoxyestradiol on Human Melanoma Publ: International Journal of Cancer Vol/Iss: 112 Pages: 771 - 776 Date: 01/2004			
	110	Author: DUBEY et al. Title: Methoxyestradiols Mediate the Antimitogenic Effects of Estradiol on Vascular Smooth Muscle Cells via Estrogen Receptor-Independent Mechanisms Publ: Biochemical and Biophysical Research Communications Vol/Iss: 278 Pages: 27-33 Date: 2000			
	111	Author: DUBEY et al. Title: Cardiovascular Pharmacology of Estradiol Metabolites Publ: The Journal of Pharmacology and Experimental Therapeutics Vol/Iss: 308 (2) Pages: 403 - 409 Date: 01/2004			
	112	Author: DUBEY et al. Title: Catecholamines Block the Antimitogenic Effect of Estradiol on Human Glomerular Mesangial Cells Publ: Hypertension Vol/Iss: 42 Pages: 349-355 Date: 01/2003			
	113	Author: DUBEY et al. Title: Methoxyestradiols Mediate the Antimitogenic Effects of Locally Applied Estradiol on Cardiac Fibroblast Growth Publ: Hypertension Vol/Iss: 39 (Part 2) Pages: 412-417 Date: 02/2002			
	114	Author: DUBEY et al. Title: Role of Methoxyestradiols in the Growth Inhibitory Effects of Estradiol on Human Glomerular Mesangial Cells Publ: Hypertension Vol/Iss: 39 (Part 2) Pages: 418-424 Date: 02/2002			
	115	Author: DUBEY et al. Title: Estradiol Metabolites Inhibit Endothelin Synthesis by an Estrogen Receptor-Independent Mechanism Publ: Hypertension Vol/Iss: 37 Part 2 Pages: 640-644 Date: 02/01/2001			

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	116	Author: EDSALL et al. Title: Effects of Altering the Electronics of 2-Methoxyestradiol on Cell Proliferation, on Cytotoxicity in Human Cancer Cell Cultures, and on Tubulin Polymerization Publ: <u>Journal of Medicinal Chemistry</u> Vol/Iss: 47 Pages: 5126 - 5139 Date: 01/2004			
	117	Author: EL-TOMBARY . Title: Synthesis, Uterotropic, And Antiuterotropic Activities of Some Estradiol Derivatives Containing Thiadiazole, Thiazoline, and Thiazolidinone Moieties Publ: <u>Arch. Pharm. Pharm. Med. Chem.</u> Vol/Iss: 330 (9-10) Pages: 295-302 Date: 1997			
	118	Author: FAJARDO et al. Title: Effects of Genistein and 2-Methoxyestradiol on Matrix Metalloproteinases and their Inhibitors Secreted by Ehrlich Ascites Tumor Cells Publ: <u>Anticancer Research</u> Vol/Iss: 20 Pages: 1691-1694 Date: 01/01/2000			
	119	Author: FARMER et al. Title: Retinal Vasculitis Associated with Autoantibodies to Sjogren's Syndrome A Antigen (Abstract only-Applicants do not have complete copy) Publ: <u>American Journal of Ophthalmology</u> Vol/Iss: 100 (6) Pages: 814-821 Date: 12/01/1985			
	120	Author: FEHER et al. Title: Multiple Flexible Alignment with SEAL: A Study of Molecules Acting on the Colchicine Binding Site Publ: <u>Journal of Chemical Information and Computer Sciences</u> Vol/Iss: 40 Pages: 495-502 Date: 01/01/2000			
	121	Author: FIGG et al. Title: Inhibition of angiogenesis: treatment options for patients with metastatic prostate cancer Publ: <u>Investigational New Drugs</u> Vol/Iss: 20 Pages: 183-194 Date: 01/2002			
	122	Author: FOTSIS et al. Title: The Endogenous Oestrogen Metabolite 2-Methoxyoestradiol Inhibits Angiogenesis and Suppresses Tumour Growth Publ: <u>Nature</u> Vol/Iss: 368 Pages: 237-239 Date: 03/17/94			

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	123	Author: FRASER et al. Title: Angiogenesis and Its Control in the Female Reproductive System (Abstract only-Applicants do not have complete copy) Publi: <u>British Medical Bulletin</u> Vol/Iss: 56 (3) Pages: 787-797 Date: 2000			
	124	Author: FRIEDLANDER et al. Title: Involvement of Integrins $\alpha v \beta 3$ and $\alpha v \beta 5$ in Ocular Neovascular Diseases Publi: <u>Proceedings of the National Academy of Science (USA)</u> Vol/Iss: 93 Pages: 9764-9769 Date: 09/01/1996			
	125	Author: GADOSY et al. Title: Generation, Characterization, and Deprotonation of Phenol Radical Cations Publi: <u>Journal of Physical Chemistry</u> Vol/Iss: 103 Pages: 8834-8839 Date: 1999			
	126	Author: GENENTECH USA Title: VEGF may be main cause of diabetic retinopathy (Abstract only-Applicants do not have complete copy) Publi: <u>Biotechnology Newswatch</u> Vol/Iss: Pages: 13-14 Date: 10/17/1994			
	127	Author: GLEICHMANN et al. Title: Immunoblastic Lymphadenopathy, Systemic Lupus Erythematosus, and Related Disorders. Possible Pathogenetic Pathways. (Abstract only-Applicants do not have complete copy) Publi: <u>American Journal of Pathology</u> Vol/Iss: 72 (4) Pages: 708-723 Date: 10/01/1979			
	128	Author: GUJJAR et al. Title: The Effect of Estradiol on Candida albicans Growth Publi: <u>Annals of Clinical and Laboratory Science</u> Vol/Iss: 27 (2) Pages: 151-156 Date: 1997			
	129	Author: HAGEN et al. Title: Inhibition of mitochondrial respiration by the anticancer agent 2-methoxyestradiol Publi: <u>Biochemical and Biophysical Research Communications</u> Vol/Iss: 322 Pages: 923 - 929 Date: 01/2004			

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	130	Author: HAJJAR et al. Title: New Concepts in Fibrinolysis and Angiogenesis (Abstract only-Applicants do not have complete copy) Publ: <u>Current Atherosclerosis Reports</u> Vol/Iss: 2 (5) Pages: 417-421 Date: 09/01/2000			
	131	Author: HALDAR et al. Title: Bcl2 is the Guardian of Microtubule Integrity Publ: <u>Cancer Research</u> Vol/Iss: 57 Pages: 229-233 Date: 01/15/97			
	132	Author: HAMANAKA et al. Title: Retinal Ischemia and Angle Neovascularization in Proliferative Diabetic Retinopathy (Abstract only-Applicants do not have complete copy) Publ: <u>American Journal of Ophthalmology</u> Vol/Iss: 132 (5) Pages: 648-658 Date: 11/01/2001			
	133	Author: HAMEL et al. Title: Interactions of 2-Methoxyestradiol, an Endogenous Mammalian Metabolite, with Unpolymerized Tubulin and with Tubulin Polymers Publ: <u>Biochemistry</u> Vol/Iss: 35 (4) Pages: 1304-1310 Date: 1996			
	134	Author: HAMMERS et al. Title: Introduction of a novel proliferation assay for pharmacological studies allowing the combination of BrdU detection and phenotyping Publ: <u>Journal of Immunological Methods</u> Vol/Iss: 264 Pages: 89-93 Date: 01/2002			
	135	Author: HAMMOND et al. Title: Structure/function analyses of human sex hormone-binding globulin: effects of zinc on steroid-binding specificity Publ: <u>Steroid Biochemistry & Molecular Biology</u> Vol/Iss: 85 Pages: 195-200 Date: 01/2003			
	136	Author: HAN et al. Title: Dehydroepiandrosterone and Dihydrotestosterone Recognition by Human Estrogenic 17 β -Hydroxysteroid Dehydrogenase Publ: <u>Journal of Biological Chemistry</u> Vol/Iss: 275 Iss 2 Pages: 1105-1111 Date: 1/14/2000			

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	137	Author: HE et al. Title: A Versatile Synthesis of 2-Methoxyestradiol, an Endogenous Metabolite of Estradiol which Inhibits Tubulin Polymerization by Binding to the Colchicine Binding Site Publ: Bioorganic & Medicinal Chemistry Letters Vol/Iss: 4 (14) Pages: 1724-1728 Date: 1994			
	138	Author: HE et al. Title: Novel Cytokine Release Inhibitors. Part II: Steroids Publ: Bioorganic & Medicinal Chemistry Letters Vol/Iss: 8 Pages: 2825-2828 Date: 1998			
	139	Author: HEJAZ et al. Title: Synthesis and Biological Activity of the Superestrogen (E)-17-Oximino-3-O-sulfamoyl-1,3,5(10)-estratriene: X-ray Crystal Structure of (E)-17-Oximino-3-hydroxy-1,3,5(10)-estratriene Publ: Journal of Medicinal Chemistry Vol/Iss: 42 (16) Pages: 3188-3192 Date: 1999			
	140	Author: HILL et al. Title: Pathogenesis of Pterygium (Abstract only-Applicants do not have complete copy) Publ: Eye Vol/Iss: 3 (Pt 2) Pages: 218-226 Date: 01/01/1990			
	141	Author: HO, Shuk-Mei Title: Estrogens and Anti-Estrogens: Key Mediators of Prostate Carcinogenesis and New Therapeutic Candidates Publ: Journal of Cellular Biochemistry Vol/Iss: 91 Pages: 491-503 Date: 1/1/2004			
	142	Author: HU et al. Title: Interleukin-8 Stimulates Angiogenesis in Rats Publ: Inflammation Vol/Iss: 17 (2) Pages: 135-143 Date: 04/01/1993			
	143	Author: HU, G. Title: Neomycin Inhibits Angiogenin-induced Angiogenesis (Abstract only-Applicants do not have complete copy) Publ: Proceedings of the National Academy of Sciences, USA Vol/Iss: 95 (17) Pages: 9791-9795 Date: 1998			

Examiner Signature		Date Considered	
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

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Substitute for Form 1449/A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known		
				Application No.	10/789,471	
				Filing Date	02/27/2004	
				First Named Inventor	D'Amato et al.	
				Group Art Unit	1609	
				Examiner Name	Brooks, Kristie L.	
Sheet	18	of	42	Attorney Docket Number		05213-3001 (13663-105082)
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				T ⁶
	144	Author: HUANG et al. Title: Superoxide Dismutase as a Target for the Selective Killing of Cancer Cells (Abstract only-Applicants do not have complete copy) Publ: <u>Nature</u> Vol/Iss: 407 (6802) Pages: 390-395 Date: 9/21/2000				
	145	Author: HUGHES et al. Title: 2-Methoxyestradiol and Analogs as Novel Antiproliferative Agents: Analysis of Three Dimensional Quantitative Structure-Activity Relationships for DNA Synthesis Inhibition and Estrogen Receptor Binding Publ: <u>Molecular Pharmacology</u> Vol/Iss: 61 (5) Pages: 1053-1069 Date: 01/01/2002				
	146	Author: HUOBER et al. Title: Oral Administration of an Estrogen Metabolite-Induced Potentiation of Radiation Antitumor Effects in Presence of Wild-Type p53 in Non-Small-Cell Lung Cancer Publ: <u>International Journal of Radiation Oncology, Biology, Physics</u> Vol/Iss: 48 (4) Pages: 1127-1137 Date: 01/01/2000				
	147	Author: IKEGAWA et al. Title: Immunoaffinity Extraction for Liquid Chromatographic Determination of Equilin and Its Metabolites in Plasma (Abstract only-Applicants do not have complete copy) Publ: <u>Biomed. Chromatogr.</u> Vol/Iss: 10 (2) Pages: 73-77 Date: 1996				
	148	Author: INOUE et al. Title: Molecular Mechanism of Diclofenac-Induced Apoptosis of Promyelocytic Leukemia: Dependency on Reactive Oxygen Species, AKT, BID, Cytochrome c, and Caspase Pathway Publ: <u>Free Radical Biology & Medicine</u> Vol/Iss: 37 (8) Pages: 1290-1299 Date: 1/1/2004				
	149	Author: IRESO et al. Title: Pharmacokinetics and efficacy of 2-methoxyestradiol and 2-methoxyestradiol- bis-sulphamate in vivo in rodents Publ: <u>British Journal of Cancer</u> Vol/Iss: 90 Pages: 932-937 Date: 1/1/2004				
	150	Author: JACKSON et al. Title: The Codependence of Angiogenesis and Chronic Inflammation Publ: <u>The FASEB Journal</u> Vol/Iss: 11 Pages: 457-465 Date: 01/01/1997				

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				First Named Inventor	D'Amato et al.
				Group Art Unit	1609
Sheet 19 of 42				Examiner Name	Brooks, Kristie L.
				Attorney Docket Number	05213-3001 (13663-105082)
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	151	Author: JAGGERS et al. Title: Potent Inhibitory Effects of Steroids in an in vitro Model of Angiogenesis (Abstract only-Applicants do not have complete copy) Publ: <u>Journal of Endocrinology</u> Vol/Iss: 150 (3) Pages: 457-464 Date: 1996			
	152	Author: JAMPOL et al. Title: Peripheral Proliferation Retinopathies: An Update on Angiogenesis, Etiologies and Management (Abstract only-Applicants do not have complete copy) Publ: <u>Survey of Ophthalmology</u> Vol/Iss: 38 (6) Pages: 519-540 Date: 05/01/1994			
	153	Author: JOSEFSSON et al. Title: Suppression of Type II Collagen-Induced Arthritis by the Endogenous Estrogen Metabolite 2-Methoxyestradiol Publ: <u>Arthritis & Rheumatism</u> Vol/Iss: 40 (1) Pages: 154-163 Date: 01/1997			
	154	Author: JOZSEF, Timar Title: Beszamolo a Nemzeti Onkologiai Kutatas-fejlesztési Konzorcium 2003. évi tevékenysége (Abstract in English)(Abstract only-Applicants do not have complete copy in English) Publ: <u>Magyar Onkológusok Társasága</u> Vol/Iss: 48 Pages: 75-79 Date: 01/2004			
	155	Author: KACHADOURIAN et al. Title: 2-Methoxyestradiol Does Not Inhibit Superoxide Dismutase Publ: <u>Archives of Biochemistry and Biophysics</u> Vol/Iss: 392 (2) Pages: 349-353 Date: 08/15/2001			
	156	Author: KAHN et al. Title: Angiogenesis in Atherosclerosis (Abstract only-Applicants do not have complete copy) Publ: <u>Canadian Journal of Cardiology</u> Vol/Iss: 8 (1) Pages: 60-64 Date: 01/01/1992			
	157	Author: KALINA et al. Title: Neovascularization of the Disc in Pars Planitis (Abstract only-Applicants do not have complete copy) Publ: <u>Retina</u> Vol/Iss: 10 (4) Pages: 269-273 Date: 01/01/1990			

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				Group Art Unit	1609	
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	158	Author: KARBOWSKI et al. Title: Opposite Effects of Microtubule-Stabilizing and Microtubule-Destabilizing Drugs on Biogenesis of Mitochondria in Mammalian Cells Publ: <u>Journal of Cell Science</u> Vol/Iss: 114 (2) Pages: 281-291 Date: 10/27/2000				
	159	Author: KATAOKA et al. Title: An Agent that Increases Tumor Suppressor Transgene Product Coupled with Systemic Transgene Delivery Inhibits Growth of Metastatic Lung Cancer in Vivo (Abstract only-Applicants do not have complete copy) Publ: <u>Cancer Research</u> Vol/Iss: 58 (21) Pages: 4761-4765 Date: 11/1998				
	160	Author: KIM et al. Title: Mass spectrometric measurement of differential reactivity of cysteine to localize protein-ligand binding sites. Application to tubulin-binding drugs Publ: <u>Analytical Biochemistry</u> Vol/Iss: 332 Pages: 376-383 Date: 1/1/2004				
	161	Author: KINUYA et al. Title: Improved survival of mice bearing liver metastases of colon cancer cells treated with a combination of radioimmunotherapy and antiangiogenic therapy Publ: <u>European Journal of Nuclear Medicine and Molecular Imaging</u> Vol/Iss: Pages: 1-11 Date: 1/1/2004				
	162	Author: KIURU et al. Title: Short synthesis of 2-methoxyestradiol and 2-hydroxyestradiol Publ: <u>Steroids</u> Vol/Iss: 68 Pages: 373-375 Date: 01/2003				
	163	Author: KLAUBER et al. Title: Inhibition of Angiogenesis and Breast Cancer in Mice by the Microtubule Inhibitors 2-Methoxyestradiol and Taxol Publ: <u>Cancer Research</u> Vol/Iss: 57 Pages: 81-86 Date: 01/01/97				
	164	Author: KORNMEHL et al. Title: Bilateral Keratitis in Lyme Diseases (Abstract only-Applicants do not have complete copy) Publ: <u>Ophthalmology</u> Vol/Iss: 96 (8) Pages: 1194-1197 Date: 08/01/1989				

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				Group Art Unit	1609	
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	165	Author: KOUSTENI et al. Title: Reversal of Bone Loss in Mice by Nongenotypic Signaling of Sex Steroids Publ: Science Vol/Iss: 298 Pages: 843-846 Date: 10/25/2002				
	166	Author: KUMAR et al. Title: 2-Methoxyestradiol Blocks Cell-Cycle Progression at G ₂ /M Phase and Inhibits Growth of Human Prostate Cancer Cells Publ: Molecular Carcinogenesis Vol/Iss: 31 Pages: 111-124 Date: 01/01/2001				
	167	Author: KUREBAYASHI et al. Title: Paradoxical Hormone Responses KPL-1 Breast Cancer Cells in vivo: a Significant Role of Angiogenesis in Tumor Growth (Abstract only-Applicants do not have complete copy) Publ: Oncology Vol/Iss: 59 (2) Pages: 158-165 Date: 2000				
	168	Author: LAKHANI et al. Title: Determination of the antiangiogenesis agent 2-methoxyestradiol in human plasma by liquid chromatography with ultraviolet radiation Publ: Journal of Chromatography B Vol/Iss: 806 Pages: 289-293 Date: 1/1/2004				
	169	Author: LAMBERT et al. Title: 2-Methoxyestradiol Induces Caspase-Independent Mitochondria-Centered Apoptosis in DS-Sarcoma Cells Publ: International Journal of Cancer Vol/Iss: 108 Pages: 493 - 501 Date: 01/2004				
	170	Author: LAVALLEE et al. Title: 2-Methoxyestradiol Up-Regulates Death Receptor 5 and Induces Apoptosis through Activation of the Extrinsic Pathway Publ: Cancer Research Vol/Iss: 63 Pages: 468-475 Date: 01/15/2003				
	171	Author: LAVALLEE et al. Title: 2-Methoxyestradiol Inhibits Proliferation and Induces Apoptosis Independently of Estrogen Receptors α and β Publ: Cancer Research Vol/Iss: 62 Pages: 3691-3697 Date: 07/1/2002				

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				Group Art Unit	1609
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	172	Author: LAVIGNE et al. Title: The Effects of Catechol-O-Methyltransferase Inhibition on Estrogen Metabolite and Oxidative DNA Damage Levels in Estradiol-Treated MCF-7 Cells Publ: Cancer Research Vol/Iss: 61 Pages: 7488-7494 Date: 10/15/2001			
	173	Author: LE BRAS, J. et al. Title: Activation and Regioselective Ortho-Functionalization of the A-Ring of B-Estradiol Promoted by "Cp*Ir": An Efficient Organometallic Procedure for the Synthesis of 2-Methoxyestradiol Publ: Organometallics Vol/Iss: 16 Pages: 1765-1771 Date: 1997			
	174	Author: LEE et al. Title: Inhibition of Growth and Angiogenesis of Human Neurofibrosarcoma by Heparin and Hydrocortisone (Abstract only-Applicants do not have complete copy) Publ: Journal of Neurosurgery Vol/Iss: 73 (3) Pages: 429-435 Date: 09/01/1990			
	175	Author: LEE et al. Title: Ocular Neovascularization: An Epidemiologic Review Publ: Survey of Ophthalmology Vol/Iss: 43 (3) Pages: 245-269 Date: 11/01/1998			
	176	Author: LEVEILLE et al. Title: Platelet-Induced Retinal Neovascularization in Leukemia (Abstract only-Applicants do not have complete copy) Publ: American Journal of Ophthalmology Vol/Iss: 91 (5) Pages: 640-644 Date: 05/01/1981			
	177	Author: LI et al. Title: Antitumor Activities of 2-Methoxyestradiol on Cervical and Endometrial Cancers in Vitro and In Vivo Publ: Dissertations from the Faculty of Medicine - Uppsala Vol/Iss: 1374 Pages: 11 - 62 Date: 01/2004			
	178	Author: LIN et al. Title: A Comparative Study on the Effects of 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Polychlorinated Biphenyl126 and Estrogen in Human Bronchial Epithelial Cells Publ: Toxicology and Applied Pharmacology Vol/Iss: 195 Pages: 83 - 91 Date: 01/01/2004			

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				First Named Inventor	D'Amato et al.
				Group Art Unit	1609
Sheet 23 of 42				Examiner Name	Brooks, Kristie L.
				Attorney Docket Number	05213-3001 (13663-105082)
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
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	179	Author: LIN et al. Title: 2-Methoxyestradiol-Induced Caspace-3 Activation and Apoptosis Occurs Through G ₂ /M Arrest Dependent and Independent Pathways in Gastric Carcinoma Cells Publ: <u>Cancer</u> Vol/Iss: 92 Pages: 500-509 Date: 08/01/2001			
	180	Author: LIN et al. Title: Comparison of 2-Methoxyestradiol-Induced, Docetaxel-Induced, and Paclitaxel-Induced Apoptosis in Hepatoma Cells and Its Correlation with Reactive Oxygen Species Publ: <u>Cancer</u> Vol/Iss: 89 (5) Pages: 983-994 Date: 09/01/2000			
	181	Author: LIPPERT et al. Title: The effects of A-ring and D-ring metabolites of estradiol on the proliferation of vascular endothelial cells Publ: <u>Life Sciences</u> Vol/Iss: 67 Pages: 1653-1658 Date: 2000			
	182	Author: LIPPERT et al. Title: The Impact of Endogenous Estradiol Metabolites on Carcinogenesis Publ: <u>Steroids</u> Vol/Iss: 65 Pages: 357-369 Date: 01/01/2000			
	183	Author: LIS et al. Title: 2-Methoxyestradiol inhibits proliferation of normal and neoplastic glial cells, and induces cell death, in vitro Publ: <u>Cancer Letters</u> Vol/Iss: 213 Pages: 57-65 Date: 01/2004			
	184	Author: LIU et al. Title: Concentration-dependent mitogenic and antiproliferative actions of 2-methoxyestradiol in estrogen receptor-positive human breast cancer cells Publ: <u>Steroid Biochemistry & Molecular Biology</u> Vol/Iss: 88 Pages: 265-275 Date: 1/1/2004			
	185	Author: LIU et al. Title: Inhibitory action of ICI-182,780, an estrogen receptor antagonist, on BK _{Ca} channel activity in cultured endothelial cells of human coronary artery Publ: <u>Biochemical Pharmacology</u> Vol/Iss: 66 Pages: 2053-2063 Date: 01/2003			

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				Application No.	10/789,471	
				Filing Date	05/19/2005	
				First Named Inventor	D'Amato et al.	
				Group Art Unit	1621	
Sheet 24 of 42				Examiner Name	Brooks, Kristie L.	
				Attorney Docket Number	05213-0926 (13663-105080)	
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				T ⁶
	186	Author: LOCCI et al. Title: Angiogenesis: A New Diagnostic Aspect of Obstetric and Gynecologic Echography Publ: <u>Journal of Perinatal Medicine</u> Vol/Iss: 21 (6) Pages: 453-473 Date: 01/01/1993				
	187	Author: LOTTERING et al. Title: 17 β -Estradiol Metabolites Affect Some Regulators of the MCF-7 Cell Cycle Publ: <u>Cancer Letters</u> Vol/Iss: 110 Pages: 181-186 Date: 1996				
	188	Author: LOVELY et al. Title: 2-(Hydroxyalkyl)estradiols: Synthesis and Biological Evaluation Publ: <u>Journal of Medicinal Chemistry</u> Vol/Iss: 39 Pages: 1917-1923 Date: 1996				
	189	Author: LUI et al. Title: Male Predominance in Hepatocellular Carcinoma: New Insight and a Possible Therapeutic Alternative Publ: <u>Medical Hypothesis</u> Vol/Iss: 55 (4) Pages: 348-350 Date: 01/01/2000				
	190	Author: MACCARTHY-MORROGH et al. Title: Differential Effects of Estrone and Estrone-3-O-Sulfamate Derivatives on Mitotic Arrest, Apoptosis, and Microtubule Assembly in Human Breast Cancer Cells Publ: <u>Cancer Research</u> Vol/Iss: 60 Pages: 5441-5450 Date: 10/01/2000				
	191	Author: MACEWEN et al. Title: 2-Methoxyestradiol (2ME2): <i>In Vitro</i> Apoptosis and Cell Cycle Inhibition and <i>In Vivo</i> Antitumor Activity in Canine Spontaneous Tumors Publ: <u>American Association for Cancer Research -92nd Annual Meeting</u> Vol/Iss: Pages: Abstract #20 Date: 03/24/2001				
	192	Author: MAHADEVAN et al. Title: Metastasis and Angiogenesis Publ: <u>Acta Oncologica</u> Vol/Iss: 29 (1) Pages: 97-103 Date: 01/01/1990				

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	193	Author: MANN et al. Title: Choroidal Neovascularization with Granulomatous Inflammation in Ocular Histoplasmosis Syndrome (Abstract only-Applicants do not have complete copy) Publ: American Journal of Ophthalmology Vol/Iss: 130 (2) Pages: 247-250 Date: 08/01/2000			
	194	Author: MARAN et al. Title: 2-Methoxyestradiol Induces Interferon Gene Expression and Apoptosis in Osteosarcoma Cells Publ: Bone Vol/Iss: 30 (2) Pages: 393-398 Date: 02/2002			
	195	Author: MARTI et al. Title: Hypoxia-Induced Vascular Endothelial Growth Factor Expression Precedes Neovascularization after Cerebral Ischemia (Abstract only-Applicants do not have complete copy) Publ: American Journal of Pathology Vol/Iss: 156 (3) Pages: 965-976 Date: 03/01/2000			
	196	Author: MATSUNAGA et al. Title: Angiogenesis from the Eighth Cranial Nerve to Vestibular Schwannomas (Abstract only-Applicants do not have complete copy) Publ: Acta Otolaryngology Vol/Iss: 116 (1) Pages: 52-58 Date: 01/01/1996			
	197	Author: MEIKRANTZ et al. Title: Apoptosis and the Cell Cycle Publ: Journal of Cellular Biochemistry Vol/Iss: 58 (2) Pages: 160-174 Date: 06/1995			
	198	Author: MEZA et al. Title: Managing the Gastrointestinal Complications of AIDS Publ: Drug Therapy Vol/Iss: 23 (11) Pages: 74-83 Date: 11/1993			
	199	Author: MILLER et al. Title: Synthesis and Structure-Activity Profiles of A-Homoestrans, the Estratropones Publ: Journal of Medicinal Chemistry Vol/Iss: 40 Pages: 3836-3841 Date: 1997			

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				Attorney Docket Number	05213-3001 (13663-105082)
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Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			
	200	Author: MILLER, Thomas Title: Tubulin as a Therapeutic Target (Abstract only-Applicants do not have complete copy) Publ: <u>Dissertations Abstracts International</u> Vol/Iss: 5907B Pages: 3454 Date: 1998			
	201	Author: MOOBERRY, Susan Title: New insights into 2-methoxyestradiol, a promising antiangiogenic and antitumor agent Publ: <u>Current Opinions in Oncology</u> Vol/Iss: 15 Pages: 425-430 Date: 11/2003			
	202	Author: MUECK et al. Title: Angiogenetic and Anti-Angiogenetic Effects of Estradiol and Its Metabolites (Abstract only-Applicants do not have complete copy) Publ: <u>Journal of Clinical and Basic Cardiology</u> Vol/Iss: 4 (2) Pages: 153-155 Date: 2001			
	203	Author: MUECK et al. Title: Estrogen-dependent Neoplasia - What is the Significance of Estradiol Metabolites (English Abstract only)(Abstract only-Applicants do not have complete English copy) Publ: <u>Zentralbi Gynakol</u> Vol/Iss: 125 Pages: 458-466 Date: 01/2003			
	204	Author: MUECK et al. Title: Estradiol metabolism and malignant disease Publ: <u>Maturitas</u> Vol/Iss: 43 Pages: 1-10 Date: 01/2002			
	205	Author: MUECK et al. Title: Chemotherapy of breast cancer-additive anticancerogenic effects by 2-methoxyestradiol Publ: <u>Life Sciences</u> Vol/Iss: 75 Pages: 1205-1210 Date: 01/2004			
	206	Author: MUKHOPADHYAY et al. Title: Induction of Apoptosis in Human Lung Cancer Cells after Wild-Type p53 Activation by Methoxyestradiol Publ: <u>Oncogene</u> Vol/Iss: 14 Pages: 379-384 Date: 1997			

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				Application No.	10/789,471	
				Filing Date	02/27/2004	
				First Named Inventor	D'Amato et al.	
				Group Art Unit	1609	
				Examiner Name	Brooks, Kristie L.	
Sheet	27	of	42	Attorney Docket Number		05213-3001 (13663-105082)
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	207	Author: MUKHOPADHYAY et al. Title: Two-dimensional gel analysis of apoptosis-specific p53 isoforms induced by 2-methoxyestradiol in human lung cancer cells Publ: <u>Apoptosis</u> Vol/Iss: 3 Pages: 421-430 Date: 01/1998				
	208	Author: NAKAGAWA-YAGI et al. Title: The Endogenous Estrogen Metabolite 2-Methoxyestradiol Induces Apoptotic Neuronal Cell Death <i>In Vitro</i> Publ: <u>Life Sciences</u> Vol/Iss: 58 (17) Pages: 1461-1467 Date: 1996				
	209	Author: NAPOLITANO et al. Title: 11 Beta-Substituted Estradiol Derivatives. 2. Potential Carbon-11 and Iodine-Labeled Probes for the Estrogen Receptor (Abstract only-Applicants do not have complete copy) Publ: <u>Journal of Medicinal Chemistry</u> Vol/Iss: 38 (14) Pages: 2774-2779 Date: 07/07/95				
	210	Author: NELIMARKKA et al. Title: Decorin is Produced by Capillary Endothelial Cells in Inflammation-Associated Angiogenesis (Abstract only-Applicants do not have complete copy) Publ: <u>American Journal of Pathology</u> Vol/Iss: 158 (2) Pages: 345-353 Date: 02/01/2001				
	211	Author: NELSON, J.D. Title: Superior Limbic Keratoconjunctivitis (SLK) (Abstract only-Applicants do not have complete copy) Publ: <u>Eye</u> Vol/Iss: 3 (Pt 2) Pages: 180-189 Date: 01/01/1989				
	212	Author: NEWMAN et al. Title: Inhibition of <i>In Vitro</i> Angiogenesis by 2-Methoxy- and 2-Ethyl-Estrogen Sulfamates Publ: <u>International Journal of Cancer</u> Vol/Iss: 109 Pages: 533-540 Date: 01/2004				
	213	Author: NISHIGAKI et al. Title: Anti-Proliferative Effect of 2-Methoxyestradiol on Cultured Smooth Muscle Cells from Rabbit Aorta Publ: <u>Atherosclerosis</u> Vol/Iss: 113 Pages: 167-170 Date: 1995				

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				Application No.	10/789,471
				Filing Date	05/19/2005
				First Named Inventor	D'Amato et al.
				Group Art Unit	1621
Examiner Name	Brooks, Kristie L.				
Sheet	28	of	42	Attorney Docket Number	05213-0926 (13663-105080)
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ⁶
	214	Author: NUMAZAWA et al. Title: Synthesis of 2-Methoxy- and 4-Methoxy-Estrogens with Halogen-Methoxy Exchange Reactions Publi: <u>Journal of Chemical Research</u> Vol/Iss: Pages: 348-349 Date: 01/01/1985			
	215	Author: OMAR et al. Title: Synthesis, Binding Affinities and Uterotrophic Activity of Some 2-Substituted Estradiol and Ring-A-Fused Pyrone Derivatives Publi: <u>European Journal of Medicinal Chemistry</u> Vol/Iss: 29 Pages: 25-32 Date: 1994			
	216	Author: PAKALA et al. Title: Modulation of Endothelial Cell Proliferation by Retinoid x Receptor Agonists Publi: <u>European Journal of Pharmacology</u> Vol/Iss: 385 (2/3) Pages: 255-261 Date: 09/1999			
	217	Author: PALLER et al. Title: Responses to Anti-Angiogenic Therapies (Abstract only-Applicants do not have complete copy) Publi: <u>Journal of Investigative Dermatology</u> Vol/Iss: 5 (1) Pages: 83-86 Date: 12/01/2000			
	218	Author: PAQUETTE et al. Title: Activation of matrix metalloproteinase-2 and -9 by 2- and 4-hydroxyestradiol Publi: <u>The Journal of Steroid Biochemistry & Molecular Biology</u> Vol/Iss: 87 Pages: 65-73 Date: 01/2003			
	219	Author: PARTHASARATHY et al. Title: Antioxidant: A New Role for RU-486 and Related Compounds (Abstract only-Applicants do not have complete copy) Publi: <u>Journal of Clinical Investigation</u> Vol/Iss: 94 (5) Pages: 1990-1995 Date: 11/1994			
	220	Author: PATZ, A. Title: Clinical and Experimental Studies on Retinal Neovascularization. XXXIX Edward Jackson Memorial Lecture. (Abstract only-Applicants do not have complete copy) Publi: <u>American Journal of Ophthalmology</u> Vol/Iss: 94 (6) Pages: 715-743 Date: 12/01/1982			

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				Filing Date	02/27/2004
				First Named Inventor	D'Amato et al.
				Group Art Unit	1609
				Examiner Name	Brooks, Kristie L.
Sheet	29	of	42	Attorney Docket Number	05213-3001 (13663-105082)
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	221	Author: PELICANO et al. Title: Inhibition of Mitochondrial Respiration Publ: <u>The Journal of Biologic Chemistry</u> Vol/Iss: 278 (39) Pages: 37832-37839 Date: 09/26/2003			
	222	Author: PENFOLD et al. Title: Age-Related Macular Degeneration: Ultrastructural Studies of the Relationship of Leucocytes to Angiogenesis (Abstract only-Applicants do not have complete copy) Publ: <u>Gracfes Archive for Clinical and Experimental Ophthalmology</u> Vol/Iss: 225 (1) Pages: 70-76 Date: 01/01/1987			
	223	Author: PENG et al. Title: Synthesis and Optical Properties of Novel Unsymmetrical Conjugated Dendrimers Publ: <u>Journal of the American Chemical Society</u> Vol/Iss: 122 Pages: 6619-6623 Date: 2000			
	224	Author: PENN et al. Title: The Effect of Angiostatic Steroid on Neovascularization in a Rat Model of Retinopathy of Prematurity (Abstract only-Applicants do not have complete copy) Publ: <u>Investigative Ophthalmology & Visual Science</u> Vol/Iss: 42 (1) Pages: 283-290 Date: 01/01/2001			
	225	Author: PENN et al. Title: Variable Oxygen Exposure Causes Preretinal Neovascularization in the Newborn Rat Publ: <u>Investigative Ophthalmology & Visual Science</u> Vol/Iss: 34 (3) Pages: 576-585 Date: 03/01/1993			
	226	Author: PLUM et al. Title: Administration of a Liposomal FGF-2 Peptide Vaccine Leads to Abrogation of FGF-2-Mediated Angiogenesis and Tumor Development Publ: <u>Vaccine</u> Vol/Iss: 19 (9-10) Pages: 1294-1303 Date: 2000			
	227	Author: POTVIN et al. Title: Mechanisms of Action of Antimalarials in Inflammation: Induction of Apoptosis in Human Endothelial Cells (Abstract only-Applicants do not have complete copy) Publ: <u>Journal of Immunobiology</u> Vol/Iss: 158 (4) Pages: 1872-1879 Date: 02/15/1997			

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				Application No.	10/789,471
				Filing Date	02/27/2004
				First Named Inventor	D'Amato et al.
				Group Art Unit	1609
				Examiner Name	Brooks, Kristie L.
Sheet	30	of	42	Attorney Docket Number	05213-3001 (13663-105082)
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			
	228	Author: PRIBLUDA et al. Title: 2-Methoxyestradiol - A Novel Endogenous Chemotherapeutic and Antiangiogenic Agent-Chapter 21 Publ: <u>The New Angiotherapy</u> Vol/Iss: Pages: 1-21 Date: 11/2000			
	229	Author: PRIBLUDA et al. Title: 2-Methoxyestradiol: An endogenous antiangiogenic and antiproliferative drug candidate Publ: <u>Cancer and Metastasis Reviews</u> Vol/Iss: 19 Pages: 173-179 Date: 01/01/2000			
	230	Author: PUROHIT et al. Title: The Effect of 2-Methoxyestrone-3-O-Sulphamate on the Growth of Breast Cancer Cells and Induced Mammary Tumours Publ: <u>International Journal of Cancer</u> Vol/Iss: 85 Pages: 584-589 Date: 01/01/2000			
	231	Author: QADAN et al. Title: 2-Methoxyestradiol Induces G2/M Arrest and Apoptosis in Prostate Cancer Publ: <u>Biochemical and Biophysical Research Communications</u> Vol/Iss: 285 (5) Pages: 1259-1266 Date: 01/2001			
	232	Author: QANUNGO et al. Title: 2-Methoxyestradiol induces mitochondria dependent apoptotic signaling in pancreatic cancer cells Publ: <u>Oncogene</u> Vol/Iss: 21 Pages: 4149-4157 Date: 01/2002			
	233	Author: RAJKUMAR et al. Title: Prevention of mammary carcinogenesis by short-term estrogen and progestin treatments Publ: <u>Breast Cancer Research</u> Vol/Iss: 6 (1) Pages: R31-R37 Date: 11/11/2003			
	234	Author: RAMIREZ et al. Title: Estradiol, in the CNS, Targets Several Physiologically Relevant Membrane-Associated Proteins Publ: <u>Brain Research Reviews</u> Vol/Iss: 37 Pages: 141-152 Date: 01/01/2001			

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				Examiner Name	Brooks, Kristie L.
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	235	Author: RAO et al. Title: Synthesis and antimetabolic activity of novel 2-methoxyestradiol analogs Publ: Steroids Vol/Iss: 67 Pages: 1079-1089 Date: 01/2002			
	236	Author: RAO et al. Title: A new, practical synthesis of 2-methoxyestradiols Publ: Steroids Vol/Iss: 67 Pages: 1065-1070 Date: 01/2002			
	237	Author: RAOLAIKADY et al. Title: Inhibition of MCF-7 breast cancer cell proliferation and in vivo steroid sulphatase activity by 2-methoxyestradiol-bis-sulphamate Publ: The Journal of Steroid Biochemistry & Molecular Biology Vol/Iss: 84 Pages: 351-358 Date: 01/2003			
	238	Author: REDDY et al. Title: Ocular Complications of Adult Rheumatoid Arthritis (Abstract only-Applicants do not have complete copy) Publ: Rheumatology International Vol/Iss: 16 (2) Pages: 49-52 Date: 01/01/1996			
	239	Author: REED et al. Title: Aromatase Regulation and Breast Cancer Publ: Clinical Endocrinology Vol/Iss: 54 Pages: 563-571 Date: 01/01/2001			
	240	Author: RIBATTI et al. Title: Anti-Angiogenesis: A Multipurpose Therapeutic Tool? Publ: International Journal of Clinical & Laboratory Research Vol/Iss: 23 (3) Pages: 117-120 Date: 01/01/1993			
	241	Author: RIONO et al. Title: Scleritis: A Clinicopathologic Study of 55 Cases (Abstract only-Applicants do not have complete copy) Publ: Ophthalmology Vol/Iss: 106 (7) Pages: 1328-1333 Date: 07/01/1999			

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	242	Author: ROBINSON et al. Title: Safety and Pharmacokinetics of Intravitreal 2-Methoxyestradiol Implants in Normal Rabbit and Pharmacodynamics in a Rat Model of Choroidal Neovascularization Publ: <u>Experimental Eye Research</u> Vol/Iss: 74 Pages: 309-317 Date: 01/2002				
	243	Author: ROBINSON et al. Title: Retinal Vein Occlusion (Abstract only-Applicants do not have complete copy) Publ: <u>American Family Physician</u> Vol/Iss: 45 (6) Pages: 2661-2666 Date: 06/01/1992				
	244	Author: RODI et al. Title: Identification of Small Molecular Binding Sites within Proteins Using Phage Display Technology Publ: <u>Combinatorial Chemistry & High Throughput Screening</u> Vol/Iss: 4 Pages: 553-572 Date: 01/01/2001				
	245	Author: ROTH et al. Title: Macular Translocation for Subfoveal Choroidal Neovascularization in Angioid Streaks (Abstract only-Applicants do not have complete copy) Publ: <u>American Journal of Ophthalmology</u> Vol/Iss: 131 (3) Pages: 390-392 Date: 03/01/2001				
	246	Author: ROWSEY et al. Title: Radial Keratotomy: Preliminary Report of Complications (Abstract only-Applicants do not have complete copy) Publ: <u>Ophthalmic Surgery</u> Vol/Iss: 13 (1) Pages: 27-35 Date: 01/01/1982				
	247	Author: ROY-CHAUDHURY et al. Title: Venous Neointimal Hyperplasia in Polytetrafluoroethylene Dialysis Grafts (Abstract only-Applicants do not have complete copy) Publ: <u>Kidney International</u> Vol/Iss: 59 (6) Pages: 2325-2334 Date: 01/11/2001				
	248	Author: SAKAGUCHI et al. Title: Trehalose 6,6'-Dimycolate (Cord Factor) Enhances Neovascularization through Vascular Endothelial Growth Factor Production by Neutrophils and Macrophages Publ: <u>Infection and Immunity</u> Vol/Iss: 68 (4) Pages: 2043-2052 Date: 04/01/2000				

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				Group Art Unit	1609
Examiner Name	Brooks, Kristie L.				
Sheet	33	of	42	Attorney Docket Number	05213-3001 (13663-105082)

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	249	Author: SANISLO et al. Title: Optic Nerve Head Neovascularization in a Patient with Inactive Cytomegalovirus Retinitis and Immune Recovery (Abstract only-Applicants do not have complete copy) Publ: <u>American Journal of Ophthalmology</u> Vol/Iss: 126 (2) Pages: 318-320 Date: 08/01/1998	
	250	Author: SATO et al. Title: Natural Estrogens Induce Modulation of Microtubules in Chinese Hamster V79 Cells in Culture (Abstract only-Applicants do not have complete copy) Publ: <u>Horm. Carcinog. II. Proceedings Int. Symp., 2nd (1996). Meeting Date 1994</u> Vol/Iss: Pages: 454-457 Date: 1996	
	251	Author: SCHAUB et al. Title: Novel Agents that Promote Bone Regeneration (Abstract only-Applicants do not have complete copy) Publ: <u>Current Opinion in Biotechnology</u> Vol/Iss: 2 (6) Pages: 868-871 Date: 12/01/1991	
	252	Author: SCHERR et al. Title: The Nonsteroidal Effects of Diethylstilbestrol: The Rationale for Androgen Deprivation Therapy without Estrogen Deprivation in the Treatment of Prostate Cancer Publ: <u>The Journal of Urology</u> Vol/Iss: 170 Pages: 1703-1708 Date: 11/2003	
	253	Author: SCHUMACHER et al. Title: The Physiological Estrogen Metabolite 2-Methoxyestradiol Reduces Tumor Growth and Induces Apoptosis in Human Solid Tumors Publ: <u>Cancer Research Clinical Oncology</u> Vol/Iss: 127 Pages: 405-410 Date: 2001	
	254	Author: SCHUMACHER et al. Title: 2-Methoxyestradiol induces p53 independent apoptosis and inhibits growth of lung metastases of pancreatic cancer (English summary Page 52) Publ: <u>Langenbecks Arch Chir I</u> Vol/Iss: 1 Pages: 49-52 Date: 01/1998	
	255	Author: SEEGERs et al. Title: The Mammalian Metabolite, 2-methoxyestradiol, Affects P53 Levels and Apoptosis Induction in Transformed Cells but Not in Normal Cells Publ: <u>Journal of Steroid Biochemistry and Molecular Biology</u> Vol/Iss: 62 (4) Pages: 253-267 Date: 07/1997	

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	256	Author: SENG et al. Title: Use of a monoclonal antibody specific for activated endothelial cells to quantitate angiogenesis <i>in vivo</i> in zebrafish after drug treatment Publ: <u>Angiogenesis</u> Vol/Iss: 7 Pages: 243 - 253 Date: 01/2004			
	257	Author: SERVOLD, S.A. Title: Growth Factor Impact on Wound Healing Publ: <u>Clinics in Podiatric Medicine and Surgery</u> Vol/Iss: 8 (4) Pages: 937-953 Date: 10/01/1991			
	258	Author: SHAH et al. Title: (+/-)-(N-alkylamino)benzazepine Analogs: Novel Dopamine D1 Receptor Antagonists (Abstract only-Applicants do not have complete copy) Publ: <u>Journal of Medicinal Chemistry</u> Vol/Iss: 38 (21) Pages: 4284-4293 Date: 10/13/95			
	259	Author: SHANG et al. Title: 2-Methoxyestradiol, an Endogenous Estradiol Metabolite, Differentially Inhibits Granulosa and Endothelial Cell Mitosis: A Potential Follicular Antiangiogenic Regulator Publ: <u>Biology of Reproduction</u> Vol/Iss: 65 Pages: 622-627 Date: 01/01/2001			
	260	Author: SHEELA et al. Title: Angiogenic and Invasive Properties of Neurofibroma Schwann Cells Publ: <u>Journal of Cell Biology</u> Vol/Iss: 111 (2) Pages: 645-653 Date: 08/01/1990			
	261	Author: SHIM et al. Title: Hydrazinocurcumin, A Novel Synthetic Curcumin Derivative, Is a Potent Inhibitor of Endothelial Cell Proliferation (Abstract only-Applicants do not have complete copy) Publ: <u>Caplus: Bioorganic & Medicinal Chemistry</u> Vol/Iss: 10 (8) Pages: 2439-2444 Date: 2002			
	262	Author: SHIMADA et al. Title: The Molecular Mechanism of Sensitization to Fas-Mediated Apoptosis by 2-Methoxyestradiol in PC3 Prostate Cancer Cells Publ: <u>Molecular Carcinogenesis</u> Vol/Iss: 39 Pages: 1-9 Date: 1/1/2004			

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				Filing Date	02/27/2004
				First Named Inventor	D'Amato et al.
				Group Art Unit	1609
				Examiner Name	Brooks, Kristie L.
Sheet	35	of	42	Attorney Docket Number	05213-3001 (13663-105082)
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
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	263	Author: SHIMADA et al. Title: Roles of p38- and c-jun NH2-terminal kinase-mediated pathways in 2-methoxyestradiol-induced p53 induction and apoptosis Publ: <u>Carcinogenesis</u> Vol/Iss: 24 (6) Pages: 1067-1075 Date: 01/2003			
	264	Author: SHWEIKI et al. Title: Patterns of Expression of Vascular Endothelial Growth Factor (VEGF) and VEGF Receptors in Mice Suggest a Role in Hormonally Regulated Angiogenesis (Abstract only-Applicants do not have complete copy) Publ: <u>Journal of Clinical Investigation</u> Vol/Iss: 91 (5) Pages: 2235-2243 Date: 05/01/1993			
	265	Author: SIBONGA et al. Title: Evidence that 2-methoxyestradiol suppresses proliferation and accelerates apoptosis in normal rat growth plate chondrocytes Publ: <u>Journal of Cancer Research and Clinical Oncology</u> Vol/Iss: 128 Pages: 477-483 Date: 01/2002			
	266	Author: SIMONS, M. Title: General Concepts of Angiogenesis Publ: Vol/Iss: Pages: 1-6 Date: 04/17/2000			
	267	Author: SINGH et al. Title: Inhibition of Deoxyglucose Uptake in MCF-7 Breast Cancer Cells by 2-Methoxyestrone and 2-Methoxyestrone-3-O-sulfamate (Abstract only-Applicants do not have complete copy) Publ: <u>Molecular and Cellular Endocrinology</u> Vol/Iss: 160 (1-2) Pages: 61-66 Date: 2000			
	268	Author: SINGHAL et al. Title: Novel Therapies in Multiple Myeloma Publ: <u>International Journal of Hematology</u> Vol/Iss: 77 Pages: 226-231 Date: 01/09/2003			
	269	Author: SOWKA et al. Title: Phlyctenulosis Publ: <u>Handbook of Ocular Disease Management</u> Vol/Iss: Pages: Date: 01/01/2000			

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	270	Author: SPINK et al. Title: SULT1A1 Catalyzes 2-Methoxyestradiol Sulfonation in MCF-7 Breast Cancer Cells Publi: Carcinogenesis Vol/Iss: 21 (11) Pages: 1947-1957 Date: 01/01/2000				
	271	Author: STIFFEY-WILUSZ et al. Title: An ex vivo Angiogenesis Assay Utilizing Commercial Porcine Carotid Artery: Modification of the Rat Aortic Ring Assay Publi: Angiogenesis Vol/Iss: 4 Pages: 3-9 Date: 01/01/2001				
	272	Author: STRIZZ1 et al. Title: Vascular Endothelial Growth Factor is an Autocrine Growth Factor in Human Malignant Mesothelioma (Abstract only-Applicants do not have complete copy) Publi: Journal of Pathology Vol/Iss: 193 (4) Pages: 468-475 Date: 04/01/2001				
	273	Author: SUBBARAMAIAH et al. Title: Microtubule-Interfering Agents Stimulate the Transcription of Cyclooxygenase-2 Publi: The Journal of Biological Chemistry Vol/Iss: 275 (20) Pages: 14838-14845 Date: 05/19/2000				
	274	Author: SUDHOFF et al. Title: Angiogenesis and Angiogenic Growth Factors in Middle Ear Cholesteatoma (Abstract only-Applicants do not have complete copy) Publi: American Journal of Otolaryngology Vol/Iss: 21 (6) Pages: 793-798 Date: 11/01/2000				
	275	Author: SUN et al. Title: In Vivo and in Vitro Characteristics of Interleukin 6-Transfected B16 Melanoma Cells Publi: Cancer Research Vol/Iss: 52 Pages: 5412-5415 Date: 10/01/1992				
	276	Author: SUZUKI et al. Title: Growth inhibition of multi-drug-resistant breast cancer cells by 2-methoxyestradiol - bis-sulphamate and 2-ethyloestradiol-bis-sulphamate Publi: The Journal of Steroid Biochemistry & Molecular Biology Vol/Iss: 84 Pages: 269-278 Date: 01/2003				

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	277	Author: SWEENEY et al. Title: The Antiangiogenic Property of Docetaxel Is Synergistic with a Recombinant Humanized Monoclonal Antibody Against Vascular Endothelial Growth Factor or 2-Methoxyestradiol but Antagonized by Endothelial Growth Factors Publ: Cancer Research Vol/Iss: 61 Pages: 3369-3372 Date: 04/15/2001			
	278	Author: TABBARA, K.F. Title: Disruption of the Choroidoretinal Interface by Toxoplasma (Abstract only-Applicants do not have complete copy) Publ: Eye Vol/Iss: 4 (Part 2) Pages: 366-373 Date: 01/01/1990			
	279	Author: TAKAHASHI et al. Title: Effects of estrogens and metabolites on endometrial carcinogenesis in young adult mice initiated with <i>N</i> -ethyl- <i>N'</i> -nitro- <i>N</i> -nitrosoguanidine Publ: Cancer Letters Vol/Iss: 211 Pages: 1 - 9 Date: 01/2004			
	280	Author: TAKANASHI et al. Title: Metabolism of [6,7- ³ H, ³⁵ S] estradiol 17 sulfate in rats Publ: Steroids Vol/Iss: 68 Pages: 383-392 Date: 01/2003			
	281	Author: TAKANASHI et al. Title: Comparison of ex vivo Inhibitory Effect Between 2-Hydroxyestradiol and Its 17-Sulfate on Rat Hepatic Microsomal Lipid Peroxidation Publ: Lipids Vol/Iss: 38 (8) Pages: 847-854 Date: 01/2003			
	282	Author: TAKATA et al. Title: 2-Methoxyestradiol Enhances p53 Protein Transduction Therapy-Associated Inhibition of the Proliferation of Oral Cancer Cells through the Suppression of NF-B Activity Publ: Acta Medica Okayama Vol/Iss: 58 (4) Pages: 181-187 Date: 01/2004			
	283	Author: TIMAR et al. Title: Angiogenesis-Dependent Diseases and Angiogenesis Therapy (Abstract only-Applicants do not have complete copy) Publ: Pathology and Oncology Research Vol/Iss: 7 (2) Pages: 85-94 Date: 01/01/2001			

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	284	Author: TISHLER et al. Title: Microtubule-Active Drugs Taxol, Vinblastine, and Nocodazole Increase the Levels of Transcriptionally Active p53 Publ: Cancer Research Vol/Iss: 55 Pages: 6021-6025 Date: 12/15/95			
	285	Author: TREMBLAY et al. Title: A Convenient Synthetic Method for Alpha-Alkylation of Steroidal 17-Ketone: Preparation of 16 β -(THPO-Heptyl)-Estradiol Publ: Synthetic Communications Vol/Iss: 25 (16) Pages: 2483-2495 Date: 1995			
	286	Author: TREMBLAY et al. Title: Synthesis of 16-(Bromoalkyl)-Estradiols Having Inhibitory Effect on Human Placental Estradiol 17 β -Hydroxysteroid Dehydrogenase (17 β -HSD Type 1) Publ: Bioorganic & Medicinal Chemistry Vol/Iss: 3 (5) Pages: 505-523 Date: 1995			
	287	Author: TSUTSUI et al. Title: Induction of Mammalian Cell Transformation and Genotoxicity by 2-Methoxyestradiol, an Endogenous Metabolite of Estrogen Publ: Carcinogenesis Vol/Iss: 21 (4) Pages: 735-740 Date: 01/01/2000			
	288	Author: TUDER et al. Title: The Pathobiology of Pulmonary Hypertension. Endothelium Publ: Clinicals in Chest Medicine Vol/Iss: 22 (3) Pages: 405-418 Date: 09/01/2001			
	289	Author: TURNER et al. Title: 2-Methoxyestradiol Inhibits Longitudinal Bone Growth in Normal Female Rats Publ: Calcified Tissue International Vol/Iss: 66 Pages: 465-469 Date: 01/01/2000			
	290	Author: URAKAWA et al. Title: Examination of a modified cell cycle synchronization method and bovine nuclear transfer using synchronized early G1 phase fibroblast cells Publ: Theriogenology Vol/Iss: 62 Pages: 714-728 Date: 01/2004			

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	291	Author: VAN DER EERDEN et al. Title: Evidence for genomic and nongenomic actions of estrogen in growth plate regulation in female and male rats at the onset of sexual maturation Publ: <u>Journal of Endocrinology</u> Vol/Iss: 175 Pages: 277-288 Date: 01/2002			
	292	Author: VAN DUURSEN et al. Title: Effects of several dioxin-like compounds on estrogen metabolism in the malignant MCF-7 and nontumorigenic MCF-10A human mammary epithelial cell lines Publ: <u>Toxicology and Applied Pharmacology</u> Vol/Iss: 190 Pages: 241-250 Date: 01/2003			
	293	Author: VERDIER-PINARD et al. Title: A Steroid Derivative with Paclitaxel-Like Effects on Tubulin Polymerization Publ: <u>Molecular Pharmacology</u> Vol/Iss: 57 Pages: 568-575 Date: 01/01/2000			
	294	Author: WALSH et al. Title: Angiogenesis in the Pathogenesis of Inflammatory Joint and Lung Diseases Publ: <u>Arthritis Research</u> Vol/Iss: 3 (3) Pages: 147-153 Date: 01/01/2001			
	295	Author: WANG et al. Title: Synthesis of B-Ring Homologated Estradiol Analogues that Modulate Tubulin Polymerization and Microtubule Stability Publ: <u>Journal of Medicinal Chemistry</u> Vol/Iss: 43 Pages: 2419-2429 Date: 2000			
	296	Author: WANG et al. Title: A Simple Quantitative Method for Evaluation of Angiogenesis Activity Publ: <u>ASSAY and Drug Development Technologies</u> Vol/Iss: 2 (1) Pages: 31 - 38 Date: 01/2004			
	297	Author: WANG et al. Title: 2-Methoxyestradiol, an Endogenous Estrogen Metabolite, Induces Thyroid Cell Apoptosis Publ: <u>Molecular and Cellular Endocrinology</u> Vol/Iss: 165 Pages: 163-172 Date: 01/01/2000			

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	298	Author: WANG, Z. et al. Title: An Optimized Synthesis of 2-Methoxyestradiol, a Naturally Occurring Human Metabolite with Anticancer Activity Publ: <u>Synth Commun.</u> Vol/Iss: 28 (23) Pages: 4431-4437 Date: 1998				
	299	Author: WATSON, P.G. Title: Management of Mooren's Ulceration (Abstract only-Applicants do not have complete copy) Publ: <u>Eye</u> Vol/Iss: 11 (Pt 3) Pages: 349-356 Date: 01/01/1997				
	300	Author: WIEDEMANN, P. Title: Growth Factors in Retinal Disease: Proliferative Vitreoretinopathy, Proliferative Diabetic Retinopathy, and Retinal Degeneration (Abstract only-Applicants do not have complete copy) Publ: <u>Survey of Ophthalmology</u> Vol/Iss: 36 (5) Pages: 373-384 Date: 03/01/1992				
	301	Author: WIESE et al. Title: Induction of the Estrogen Specific Mitogenic Response of MCF-7 Cells by Selected Analogues of Estradiol-17 β . A 3D QSAR Study Publ: <u>Journal of Medicinal Chemistry</u> Vol/Iss: 40 Pages: 3659-3669 Date: 1997				
	302	Author: WOOD et al. Title: 2-McOE2bisMATE induces caspase-dependent apoptosis in CAL51 breast cancer cells and overcomes resistance to TRAIL via cooperative activation of caspases Publ: <u>Apoptosis</u> Vol/Iss: 9 Pages: 323 - 332 Date: 01/2004				
	303	Author: WURTZ et al. Title: Three-Dimensional Models of Estrogen Receptor Ligand Binding Domain Complexes, Based on Related Crystal Structures and Mutational and Structure-Activity Relationship Data Publ: <u>Journal of Medicinal Chemistry</u> Vol/Iss: 41 Pages: 1803-1814 Date: 1998				
	304	Author: XIAO et al. Title: Effects of Estradiol and Its Metabolites on Glomerular Endothelial Nitric Oxide Synthesis and Mesangial Cell Growth Publ: <u>Hypertension</u> Vol/Iss: 37 (part 2) Pages: 645-650 Date: 02/01/2001				

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	305	Author: YAZAKI et al. Title: Inhibition of Angiogenesis and Growth of Human Non-Malignant and Malignant Meningiomas by TNP-470 (Abstract only-Applicants do not have complete copy) Publi: <u>Journal of Neurooncology</u> Vol/Iss: 23 (1) Pages: 23-29 Date: 01/01/1995			
	306	Author: YUE et al. Title: 2-Methoxyestradiol, an Endogenous Estrogen Metabolite, Induces Apoptosis in Endothelial Cells and Inhibits Angiogenesis: Possible Role for Stress-Activated Protein Kinase Signaling Pathway and Fas Expression Publi: <u>Molecular Pharmacology</u> Vol/Iss: 51 Pages: 951-962 Date: 1997			
	307	Author: ZACHARIA et al. Title: 2-Hydroxyestradiol Is A Prodrug of 2-Methoxyestradiol Publi: <u>Journal for Pharmacology and Experimental Therapeutics</u> Vol/Iss: 62505 Pages: 1 - 25 Date: 02/10/2004			
	308	Author: ZACHARIA et al. Title: Methylation of 2-Hydroxyestradiol in Isolated Organs Publi: <u>Hypertension</u> Vol/Iss: 42 Pages: 82-87 Date: 01/2003			
	309	Author: ZACHARIA et al. Title: Methoxyestradiols Mediate the Antimitogenic Effects of 17 β -Estradiol Publi: <u>Circulation</u> Vol/Iss: 108 Pages: 2974-2978 Date: 12/16/2003			
	310	Author: ZACHARIA et al. Title: Catecholamines Abrogate Antimitogenic Effects of 2-Hydroxyestradiol on Human Aortic Vascular Smooth Muscle Cells Publi: <u>Arteriosclerosis, Thrombosis and Vascular Biology</u> Vol/Iss: 21 Pages: 1745-1750 Date: 11/01/2001			
	311	Author: ZACHARIA et al. Title: Increased 2-Methoxyestradiol Production in Human Coronary Versus Aortic Vascular Cells Publi: <u>Hypertension</u> Vol/Iss: 37 (part 2) Pages: 658-662 Date: 02/01/2001			

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	312	Author: ZHANG et al. Title: Detection of 1,2,4-benzenetriol induced aneuploidy and microtubule disruption by fluorescence in situ hybridization and immunocytochemistry Publ: <u>Mutation Research</u> Vol/Iss: 320 Pages: 315-327 Date: 1994			
	313	Author: ZHANG et al. Title: Tumor suppressor ARF inhibits HER-2/neu-mediated oncogenic growth Publ: <u>Oncogene</u> Vol/Iss: 23 Pages: 7132-7143 Date: 01/2004			
	314	Author: ZHENG et al. Title: Control of Stromal Keratitis by Inhibition of Neovascularization (Abstract only-Applicants do not have complete copy) Publ: <u>American Journal of Pathology</u> Vol/Iss: 159 (3) Pages: 1021-1029 Date: 09/01/2001			
	315	Author: ZHOU et al. Title: 2-Methoxyestradiol induces cell cycle arrest and apoptosis of nasopharyngeal carcinoma cells Publ: <u>Acta Pharmacologica Sinica</u> Vol/Iss: 25 (11) Pages: 1515-1520 Date: 11/2004			
	316	Author: ZOUBINE et al. Title: 2-Methoxyestradiol-Induced Growth Suppression and Lethality in Estrogen-Responsive MCF-7 Cells May Be Mediated by Down Regulation of p34cdc2 and Cyclin B1 Expression (Abstract only-Applicants do not have complete copy) Publ: <u>International Journal of Oncology</u> Vol/Iss: 15 (4) Pages: 639-646 Date: 10/1999			

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